

????

???? ?b (mpa):??,?1030; 565???,?1140; 510?? ?,?1230

?????? ?0.2 (mpa):??,?380;565???,?960;510???,?1030

??? ?5 (%):??,?20;565???,?5;510???,?4

????? ? (%):565???,?25;510???,?10

?? :??,?229hb;565???,?363hb;510???,?388hb

???

1)??,1000~1100???

2)565???,?????, 760±15???,90min,?1h????15???,??30min,????565±10???,90min,??;

3)510???,?????,955±10???,10min,?????24h?????-73±6?,??8h,????510±10???,60min,???

????????????????

????7075 7050 7a04 7a09 6061 6063 6a02 6082 6600 5052 5056 5083 5086 5754 5a02
5a12 5a06 5a04 5a03 5a05 4032 3003 3004 3a21 2a12 2a11 2b12 2a13 2017 2024 2014
2a14 1100 1070 1060 1050 ly12 ly11 ly8 ly19 lc4 ld10 lf3 lf2 l5

????201 202 301 304 303 303cu 305 307si 310s 316 316l 316ti 316n 317l 321 309 309s
309si 409 410 410l 430 430f 431 439 436 440b 440c 443 444 630 631 904l 2205 2207
2507 2520 1.4112 1.4122 1.4057 suh3 f51 incoloy625 incoloy690 incoloy800 incoloy800h
incoloy825 incoloy1600 9cr18mo 420j2 1cr5mo 9cr18 9cr18mov 1cr11mov 1cr12mo 4cr9si2
0cr18ni9ti 0cr25ni20 1cr17 7cr17 0cr13 1cr13 2cr13 3cr13 4cr13 17-7ph 00cr18ni10n 1cr17ni2
17-4ph 15-5ph 1cr18ni11nb 0cr18ni12mo2ti 14cr17ni2 1cr18ni12 1cr18ni9 95cr18mo 1cr18ni9ti
0cr17ni14mo2 4cr10si2mo

????1.2311 1.2083 1.2344 1.2379 1.2316 2738 8402 8407 618 420 sld b30 b30h d2 o2
s136 s136h 718 718h 718s h13 h21 h10 h11 skd11 skd12 skd61 dc53 3cr2w8v nak80
7cr7mo2v2si a2 dc11 d2 p20 cr12mo1v1 5cr4mo2w2vsi skd6 4cr3mo3siv 9crwmn 3cr17nimo
cr12mov cr12

????8620 10# 20# 35# 45# 55# 70# a3 q235b q245r q345b q345r q390d 2crni3a 42crmo
20crnimo s7 qt400-18 qt500-7 mn13 35crmo 35crmnisi 35crmnisia 08f 15crmor 38crmoal
25cr2mova s460mc 34crni3moa 40crmnmo snc631 45crnimova 12cr1movg 12crni3a 15crmog
12crni2 45crnimov 35mn 6crw2si scm430 scm415 1008 12crmo 30crmo 40crnimoa sk3 dc06

